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# DESIGN FOR A MILITARY ACADEMY

BY

HAMMOND WILLIAM WHITSITT

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THESIS FOR THE DEGREE OF BACHELOR OF SCIENCE

IN ARCHITECTURE

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COLLEGE OF ENGINEERING  
UNIVERSITY OF ILLINOIS

PRESENTED JUNE 1903



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June 1, 1903 190

THIS IS TO CERTIFY THAT THE THESIS PREPARED UNDER MY SUPERVISION BY

HAMMOND WILLIAM WHITSITT, under the direction of Professor Temple,

ENTITLED DESIGN FOR A MILITARY ACADEMY

IS APPROVED BY ME AS FULFILLING THIS PART OF THE REQUIREMENTS FOR THE DEGREE

OF Bachelor of Science in Architecture.

*N. Clifford Ricker*

HEAD OF DEPARTMENT OF Architecture.





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This Thesis is The design of "A Military Academy" and it was selected for the variety of planning and design that it would call forth. To supplement this description, there are two rendered sheets; one being a bird's eye perspective of the layout, and the other a general plan at one-thirty-second inch scale. The academy is for the instruction, in the branches usual to the best high and secondary schools, of about three hundred young men varying in age from fifteen to twenty years. The course of study is to thoroughly prepare for Eastern Universities or for general business, and also to give a thorough military training.

The several departments of the school are clearly differentiated and may best be accommodated by providing separate buildings for academic instruction, cadet quarters, religious services, and military and athletic training. Since the location is an ideal one with ample grounds at some distance from a town and upon the edge



of a small fresh water lake, the architecture of the Spanish Renaissance seemed to be adaptable to such a scheme, and therefore it was selected as a guide for the general style.

The academic building contains all the rooms pertaining to administration and scholastic work. Upon the first floor are; the Superintendent's Suite consisting of a Public and a Private office; the Business office; the Head-master's Study; together with laboratories and lecture rooms for Physics and Biology, as well as recitation rooms, Private Studies for the Masters, toilet rooms, etc. Upon the second floor is the library occupying the front of the central portion and the remainder of the floor is devoted to recitation rooms, Studies, Chemistry laboratory and lecture rooms. The central mass alone goes up three stories and the third story is devoted to a large hall for cadet meetings, theatricals, etc.





To accommodate The Cadets and masters, two dormitories or barracks were required, each four stories in height. The barracks is planned so as to have the first floor divided into two mess halls amply large to seat all the Cadets and masters at once, while to the rear is a Kitchen wing with servant quarters above. The various floors are divided into suites and single rooms for the masters and cadets.

As the school is somewhat under church control, a memorial chapel, rather monumental in form was designed. This building serves as a place for daily chapel exercises and also for lectures, sermons, etc.

For the military work, two buildings are required, an armory for the infantry, and a riding hall for Cavalry and artillery practice. These two buildings, each 100' x 200' covered by trussed roofs, are identical in design, having a gallery at each end and rooms for equipment and classwork.



The gymnasium, devoted to the physical training is a building with the pool and baths in the basement, locker, team rooms etc on the main floor and large gymnasium room with suspended twenty lap running track on the second floor. The locker rooms are connected with the basement and gymnasium floors by small winding iron stairs.

The buildings are grouped around a large rectangular parade ground, at one end of which is a basin and at the other is the chapel, while at one side is the academic hall flanked by the two barracks and at the other side is the gymnasium flanked by the armory and riding hall. The athletic field is directly back of the gymnasium and the other necessary buildings such as the Superintendent's Residence, Heating Plant, Stables, etc are at convenient distances.



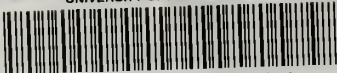








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